

ABSTRACT OF THE DISCLOSURE

The present invention provides a method for manufacturing a solar cell module having photovoltaic elements in each of which a metal oxide layer made of a metal oxide forms an outermost surface part thereof at a light incident side, and a sealing resin layer formed on the metal oxide layer. The method includes the steps of providing water on a surface of the metal oxide layer, the water being chemically adsorbed thereto; irradiating the metal oxide layer with electromagnetic waves for a predetermined time so that the contact angle of the water on the surface of the metal oxide layer is 60° or less, the electromagnetic waves having energy larger than the band gap of the metal oxide; and subsequently forming the sealing resin layer on the metal oxide layer.